

WHAT IS CLAIMED IS:

1. A system for monitoring packets transmitted on a channel connecting an application server and a user of said application server to each other, comprising:

5       (a) a certification server which certifies a user; and

      (b) a first device which, on receipt of a request from said certification server, monitors packets transmitted on said channel.

2. The system as set forth in claim 1, wherein said certification server

10 includes:

      (a1) a first memory which stores a user management table including ID numbers of users, passwords by which users are identified, a monitoring parameter designating a packet to be monitored, and a threshold parameter designating a method of monitoring said packet; and

15       (a2) a second device which transmits a request to said first device to start or finish monitoring said packet at a timing when said user logs-in or logs-out his/her terminal.

3. The system as set forth in claim 2, wherein said first device includes:

20       (b1) a second memory which stores a first time at which a packet transmitted from one of said application server and said user arrives, when said first device receives a request from said second device to monitor said packet;

      (b2) an analyzer which monitors a second time at which packets coincident with said monitoring parameter arrive, based on said first time, when said first

25 device receives a request from said second device to monitor said packet, and determines whether there is any rule in an interval in said second time; and

      (b3) an annunciator which makes annunciation to said user when there is a certain rule in said interval.

4. The system as set forth in claim 2, wherein said certification server includes a third device which updates said monitoring parameter and said threshold parameter, when instructed by said user.

5       5. The system as set forth in claim 2, wherein said first device include:

          (b1) a third memory which stores said monitoring parameter transmitted from said second device;

          (b2) a fourth memory which stores said threshold parameter transmitted from said second device; and

10      (b3) a fourth device which said third and fourth memories when said second device transmits a request to said first device to start or finish monitoring said packet.

6. The system as set forth in claim 3, wherein said first device include:

15      (b1) a third memory which stores said monitoring parameter transmitted from said second device;

          (b2) a fourth memory which stores said threshold parameter transmitted from said second device; and

20      (b3) a fourth device which said third and fourth memories when said second device transmits a request to said first device to start or finish monitoring said packet.

25      7. The system as set forth in claim 6, wherein said analyzer analyzes whether there is any rule in said interval and whether said interval exceeds said threshold parameter, and said annunciator makes annunciation to said user when said analyzer judges that there is a certain rule in said interval and that said interval exceeds said threshold parameter.

8. A method of monitoring packets transmitted on a channel connecting an

application server and a user of said application server to each other, comprising the steps of:

- (a) acquiring a monitoring parameter indicative of a packet to be monitored, when said user logs-in his/her terminal;
- 5       (b) monitoring a time at which packets coincident with said monitoring parameter arrive, and determining whether there is any rule in an interval in said arrival time; and
- (c) making annunciation to said user when there is a certain rule in said interval.

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9. The method as set forth in claim 8, further comprising the step of ceasing said step (b) when said user logs-out his/her terminal.

15       10. The method as set forth in claim 8, wherein said monitoring parameter is included in a user management table which further includes an ID number of said user, a password by which said user is identified, and a threshold parameter designating a method of monitoring said packet, and

          said step (a) includes the steps of:

- 20       (a1) retrieving said user management table, based on said ID number and said password both input by said user;
- (a2) acquiring said monitoring parameter, if said monitoring parameter is stored in said user management table; and
- (a3) acquiring said threshold parameter, if said threshold parameter is stored in said user management table.

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11. The method as set forth in claim 10, wherein said step (b) includes the step of analyzing whether there is a certain rule in said interval and whether said interval exceeds said threshold parameter, after acquiring said threshold parameter in said step (a2), and said step (c) includes the step of making

annunciation to said user, if there is a certain rule in said interval and said interval exceeds said threshold parameter.

12. A recording medium readable by a computer, storing a program therein  
5 for causing a computer to act as a system for monitoring packets transmitted on a channel connecting an application server and a user of said application server to each other,

said system comprising:

(a) a certification server which certifies a user; and  
10 (b) a first device which, on receipt of a request from said certification server, monitors packets transmitted on said channel.

13. The recording medium as set forth in claim 12, wherein said certification server includes:

15 (a1) a first memory which stores a user management table including ID numbers of users, passwords by which users are identified, a monitoring parameter designating a packet to be monitored, and a threshold parameter designating a method of monitoring said packet; and

(a2) a second device which transmits a request to said first device to start or  
20 finish monitoring said packet at a timing when said user logs-in or logs-out his/her terminal.

14. The recording medium as set forth in claim 13, wherein said first device includes:

25 (b1) a second memory which stores a first time at which a packet transmitted from one of said application server and said user arrives, when said first device receives a request from said second device to monitor said packet;

(b2) an analyzer which monitors a second time at which packets coincident with said monitoring parameter arrive, based on said first time, when said first

device receives a request from said second device to monitor said packet, and determines whether there is any rule in an interval in said second time; and

(b3) an annunciator which makes annunciation to said user when there is a certain rule in said interval.

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15. The recording medium as set forth in claim 13, wherein said certification server includes a third device which updates said monitoring parameter and said threshold parameter, when instructed by said user.

10 16. The recording medium as set forth in claim 13, wherein said first device include:

(b1) a third memory which stores said monitoring parameter transmitted from said second device;

(b2) a fourth memory which stores said threshold parameter transmitted from said second device; and

(b3) a fourth device which said third and fourth memories when said second device transmits a request to said first device to start or finish monitoring said packet.

20 17. The recording medium as set forth in claim 14, wherein said first device include:

(b1) a third memory which stores said monitoring parameter transmitted from said second device;

(b2) a fourth memory which stores said threshold parameter transmitted from said second device; and

(b3) a fourth device which said third and fourth memories when said second device transmits a request to said first device to start or finish monitoring said packet.

18. The recording medium as set forth in claim 17, wherein said analyzer analyzes whether there is any rule in said interval and whether said interval exceeds said threshold parameter, and said annunciator makes annunciation to said user when said analyzer judges that there is a certain rule in said interval  
5 and that said interval exceeds said threshold parameter.

19. A recording medium readable by a computer, storing a program therein for causing a computer to carry out a method of monitoring packets transmitted on a channel connecting an application server and a user of said application  
10 server to each other, said method comprising the steps of:

- (a) acquiring a monitoring parameter indicative of a packet to be monitored, when said user logs-in his/her terminal;
- (b) monitoring a time at which packets coincident with said monitoring parameter arrive, and determining whether there is any rule in an interval in  
15 said arrival time; and
- (c) making annunciation to said user when there is a certain rule in said interval.

20. The recording medium as set forth in claim 19, wherein said method further includes the step of ceasing said step (b) when said user logs-out his/her  
20 terminal.

21. The recording medium as set forth in claim 19, wherein said monitoring parameter is included in a user management table which further includes an ID  
25 number of said user, a password by which said user is identified, and a threshold parameter designating a method of monitoring said packet, and  
said step (a) includes the steps of:

- (a1) retrieving said user management table, based on said ID number and said password both input by said user;

(a2) acquiring said monitoring parameter, if said monitoring parameter is stored in said user management table; and

(a3) acquiring said threshold parameter, if said threshold parameter is stored in said user management table.

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22. The recording medium as set forth in claim 21, wherein said step (b) includes the step of analyzing whether there is a certain rule in said interval and whether said interval exceeds said threshold parameter, after acquiring said threshold parameter in said step (a2), and said step (c) includes the step of making annunciation to said user, if there is a certain rule in said interval and said interval exceeds said threshold parameter.